Case No.: 58746US004

Amendments to the Claims:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

- 1. (cancelled)
- 2. (currently amended) A dental impression composition comprising:
 - a) at least one polydiorganosiloxane having at least two olefinically unsaturated groups as component (a).
 - b) at least one organohydrogenpolysiloxane as component (b).
 - c) at least one alkylsiloxane having at least one carbinol, carboxy or amino group as component (c),
 - d) at least one condensation cure compound as component (d) and
 - e) at least one addition cure precious metal catalyst as component (e); according to claim-1, characterized in that

wherein component (c) contains at least one compound of the formula:

$$\begin{array}{c} R^{1}{}_{3}{\rm Si\text{-}O\text{-}[SiR}^{1}{}_{2}\text{-}O\text{-}]_{a}{\rm SiR}^{1}{}_{2}\text{-}Y\text{-}(O\text{-}R^{2})_{d}\text{-}X_{e}\text{-}[(O\text{-}R^{2})_{b}\text{-}OH]_{c}} \\ \text{(II) or} \end{array}$$

$$[HO-(R^2-O)_b]_c-X_e-(R^2-O)_d-Y-[SiR^1{}_2-O-]_aSiR^1{}_2-Y-(O-R^2)_d-X_e-[(O-R^2)_b-OH]_c \end{tabular}$$
 (III) or

$$R^{1}_{3} Si-O-\{[SiR^{1}_{2}-O-]_{n}[SiR^{1}(-Y-(O-R^{2})_{d}-X_{e}-[(O-R^{2})_{b}-OH]_{c})-O-]_{m}\}-SiR^{1}_{3}$$
 (IIIa) or

Case No.: 58746US004

Application No.: 10/566,926

 $\begin{array}{c|c}
D & R^1 \\
D & O - Si \\
R^1 - Si & O \\
O & Si - D \\
D & R^1
\end{array}$

· (IIIb),

wherein X is a linear or branched hydrocarbon or an aryl residue that may contain an oxygen atom and/or an ether group with 6 to 14 C-atoms and a valency of c, Y is a linear or branched alkylene group with 1 to 10 C-atoms or a cycloalkyl group with 4 to 14 C-atoms, R^1 is a linear or branched alkyl or fluoroalkyl group with 1 to 8 C-atoms or a cycloalkyl or aryl group with 6 to 14 C-atoms, R^2 is a linear or branched alkylene group that may contain a carbonyl group with 1 to 8 C-atoms, D is R^1 or $-Y-(O-R^2)_d-X_c-[(O-R^2)_b-OH]_c$ with at least one residue $-Y-(O-R^2)_d-X_c-[(O-R^2)_b-OH]_c$ per molecule, $1 \le a \le 10.00010,000$, $0 \le b \le 500$, $1 \le c \le 6$, $0 \le d \le 500$, e is 0 or 1, $0 \le n \le 500$, $0 \le m \le 100$ where m+n exceeds 5 and x is 0, 1, 2, 3, 4, 5 or 6.

- 3. (currently amended) A dental impression composition comprising:
 - at least one polydiorganosiloxane having at least two olefinically unsaturated groups as component (a),
 - b) at least one organohydrogenpolysiloxane as component (b),
 - c) at least one alkylsiloxane having at least one carbinol, carboxy or amino group as component (c).
 - d) at least one condensation cure compound as component (d) and
 - e) at least one addition cure precious metal catalyst as component (e); according to claim 1, characterized in that

wherein component (c) contains at least one compound of the formula:

$$R^{1}_{3}Si\text{-O-}[SiR^{1}_{2}\text{-O-}]_{a}SiR^{1}_{2}\text{-Y-}(O\text{-}R^{2})_{d}\text{-}X_{e}\text{-}[Z_{1}\text{-COOH}]_{c}$$
(IV) or

Case No.: 58746US004

$$[HOOC-Z_{f}]_{c}-X_{c}-(R^{2}-O)_{d}-Y-[SiR^{1}{}_{2}-O-]_{a}SiR^{1}{}_{2}-Y-(O-R^{2})_{d}-X_{c}-[Z_{f}-COOH]_{c}$$
 (V) or

$$R^{1}{}_{3}{\rm Si-O-}\{[{\rm SiR}^{1}{}_{2}\text{-O-}]_{n}\ [{\rm SiR}^{1}(-Y-(O-R^{2})_{d}\text{-}X_{c}\text{-}[Z_{f^{*}}COOH]_{c})\text{-O-}]_{m}\}\text{-SiR}^{1}{}_{3}$$

 (Va) or

wherein X is a linear or branched hydrocarbon or an aryl residue that may contain an oxygen atom and/or an ether group with 6 to 14 C-atoms and a valency of c, Y is a linear or branched alkylene group with 1 to 10 C-atoms or a cycloalkyl group with 4 to 14 C-atoms, Z is a linear or branched alkylene or alkenylene or aryl group that may contain an ester group with 1 to 16 C-atoms, R^1 is a linear or branched alkyl or fluoroalkyl group with 1 to 8 C-atoms or a cycloalkyl or aryl group with 4 to 14 C-atoms, R^2 is a linear or branched alkylene group that may contain a carbonyl group with 1 to 8 C-atoms, E is R^1 or -Y-(O- R^2)_d-X_e-[Z_f-COOH]_c with at least one residue -Y-(O- R^2)_d-X_e-[Z_f-COOH]_c per molecule, $1 \le a \le 10.00010.000$, $1 \le c \le 6$, $0 \le d \le 500$, e is 0 or 1, f is 0 or 1, $0 \le n \le 500$, $0 \le m \le 100$ where m+n exceeds 5 and x is 0, 1, 2, 3, 4, 5 or 6.

- 4. (currently amended) A dental impression composition comprising:
 - a) at least one polydiorganosiloxane having at least two olefinically unsaturated groups as component (a),
 - b) at least one organohydrogenpolysiloxane as component (b),
 - c) at least one alkylsiloxane having at least one carbinol, carboxy or amino group as component (c),
 - d) at least one condensation cure compound as component (d) and

Case No.: 58746US004

e) at least one addition cure precious metal catalyst as component (e); according to claim 1, characterized in that

wherein component (c) contains at least one compound of the formula:

$$R^{1}_{3}Si-O-[SiR^{1}_{2}-O-]_{a}SiR^{1}_{2}-Y-(O-R^{2})_{d}-T_{e}-[(O-R^{2})_{b}-NHR^{3}]_{c}$$
 (VI) or

$$R^{1}{}_{3}Si\text{-O-}\{[SiR^{1}{}_{2}\text{-O-}]_{n}[SiR^{4}(-Y\text{-}(O\text{-}R^{2})_{d}\text{-}T_{e}\text{-}[(O\text{-}R^{2})_{b}\text{-}NHR^{3}]_{e})\text{-O-}]_{m}\}\text{-}SiR^{1}{}_{3}$$
 (VIIa) or

$$\begin{array}{cccc} F & R^1 \\ F & O-Si & O \\ Q & Si-O \\ F & R^1 \\ \end{array}$$

(VIIb),

wherein T is a linear or branched hydrocarbon or an aryl residue that may contain an oxygen atom and/or an ether group with 6 to 14 C-atoms and a valency of c, Y is a linear or branched alkylene group with 1 to 10 C-atoms or a cycloalkyl group with 4 to 14 C-atoms, R^1 is a linear or branched alkyl or fluoroalkyl group with 1 to 8 C-atoms or a cycloalkyl or aryl group with 6 to 14 C-atoms, R^2 is a linear or branched alkylene group that may contain a carbonyl group with 1 to 8 C-atoms, F is R^1 or $-Y-(O-R^2)_d-T_e-[(O-R^2)_b-NHR^3]_c$ with at least one residue $-Y-(O-R^2)_d-T_e-[(O-R^2)_b-NHR^3]_c$ per molecule, R^3 is a linear or branched alkyl or fluoroalkyl group with 1 to 8 C-atoms or a cycloalkyl or aryl group with 6 to 14 C-atoms or H, R^4 is R^1 or Methoxymethoxy or Ethoxyethoxy, $1 \le a \le 10.00010.000$, $0 \le b \le 10.00010.000$, $1 \le c \le 6$, $0 \le d \le 500$, e is 0 or 1, $0 \le n \le 500$, $0 \le m \le 100$ where m+n exceeds 5 and x is 0, 1, 2, 3, 4, 5 or 6.

Case No.: 58746US004

- (currently amended) A<u>The</u> composition of claim 2, wherein the composition according to
 one of the claim 1, characterized in that it contains one or more adjuvants as component
 (f).
- 6. (currently amended) A-The composition of claim 2, wherein the composition according to one of the claim 1, characterized in that it contains the following components in the following amounts:
 - a) 2.5 to 40 weight percent of component (a),
 - b) 0.2 to 10 weight percent of comcomponent (b),
 - c) 0.5 to 8 weight percent of component (c),
 - d) 0.1 to 7 weight percent of component (d),
 - e) 0.05 to 4 weight percent of component (e), based on elemental Pt, and
 - f) 31 to 96.65 weight percent adjuvants as component (f), wherein the components add up to 100 weight percent.
- (currently amended) A two part dental impression system comprising parts A and B, wherein part A comprises:
 - a) at least one polydiorganosiloxane having at least two olefinically unsaturated groups as component (a),
 - b) at least one organohydrogenpolysiloxane as component (b), and
 - c) at least one alkylsiloxane having at least one carbinol, carboxy or amino group as component (c), wherein component (c) contains at least one compound of the formula:

 $\frac{R^{1}_{3}Si-O-[SiR^{1}_{2}-O-]_{a}SiR^{1}_{2}-Y-(O-R^{2})_{d}-X_{c}-[(O-R^{2})_{b}-OH]_{c}}{(II) \text{ or }}$

Case No.: 58746US004

Application No.: 10/566,926

$\frac{R^{1}_{3}Si-O-\{[SiR^{1}_{2}-O-]_{n}[SiR^{1}(-Y-(O-R^{2})_{d}-X_{g}-[(O-R^{2})_{b}-OH]_{g})-O-]_{m}\}-SiR^{1}_{3}}{(IIIa) \text{ or }}$

$$\begin{array}{c|c} D & R^1 \\ D & O-Si \\ R^1-Si & O \\ O & Si-O \\ D & R^1 \\ x \end{array}$$

(IIIb),

wherein X is a linear or branched hydrocarbon or an aryl residue that may contain an oxygen atom and/or an ether group with 6 to 14 C-atoms and a valency of c, Y is a linear or branched alkylene group with 1 to 10 C-atoms or a cycloalkyl group with 4 to 14 C-atoms, R^1 is a linear or branched alkyl or fluoroalkyl group with 1 to 8 C-atoms or a cycloalkyl or aryl group with 6 to 14 C-atoms, R^2 is a linear or branched alkylene group that may contain a carbonyl group with 1 to 8 C-atoms, D is R^1 or $-Y-(O-R^2)_d-X_e-[(O-R^2)_b-OH]_c$ with at least one residue $-Y-(O-R^2)_d-X_e-[(O-R^2)_b-OH]_c$ per molecule, $1 \le a \le 10,000$, $0 \le b \le 500$, $1 \le c \le 6$, $0 \le d \le 500$, e is 0 or 1, $0 \le n \le 500$, $0 \le m \le 100$ where m+n exceeds 5 and x is 0, 1, 2, 3, 4, 5 or 6;

and part B comprises:

- d) at least one condensation cure component as component (d) and
- e) at least one addition cure precious metal catalyst as component (e).
- 8. (cancelled)
- (currently amended) A<u>The</u> composition according to claim 7, characterized in that wherein part A contains the following components in the following amounts:
 - ei) 8 to 25 % by weight of component (a),
 - bii) 1 to 10 weight percent of component (b),

Case No.: 58746US004

- eiii) 0.5 to 10 weight percent of component (c) and
- div) 55 to 90.5 weight percent of adjuvants, wherein the components add up to 100 weight percent.
- 10. (currently amended) A<u>The</u> composition according to claim 7, eharacterized in that wherein part B contains the following components in the following amounts:
 - ai) 0.5 to 10 weight percent of component (d),
 - bii) 0.1 to 5 weight perent of component (e), based on elemental Pt, and
 - eiii) 85 to 99.4 weight percent of adjuvants, wherein the components add up to 100 weight percent.
- 11. (currently amended) A<u>The</u> composition of claim 6, wherein the according to claim 1, characterized in that it contains at least one adjuvant is selected from the group consisting of inert carrier materials, inhibitors, fillers, pigments or solvents.
- 12. (currently amended) A method for the preparation of a dental impression composition, said method comprising the step of thoroughly mixing the following components in any order: according to claim 1, characterized in that
 - a) at least one polydiorganosiloxane having at least two olefinically unsaturated groups as component (a),
 - b) at least one organohydrogenpolysiloxane as component (b),
 - c) at least one alkylsiloxane having at least one carbinol, carboxy or amino group as component (c),
 - d) at least one condensation cure catalyst as component (d) and
 - e) at least one addition cure precious metal catalyst as component (e):

wherein component (c) contains at least one compound of the formula:

 $\frac{R^{1}_{3}Si-O-[SiR^{1}_{2}-O-]_{a}SiR^{1}_{2}-Y-(O-R^{2})_{d}-X_{c}-[(O-R^{2})_{b}-OH]_{c}}{(II) \text{ or }}$

10

Case No.: 58746US004

$[HO-(R^2-O)_b]_c-X_e-(R^2-O)_d-Y-[SiR^1_2-O-]_aSiR^1_2-Y-(O-R^2)_d-X_e-[(O-R^2)_b-OH]_c$ $(III) \ or$

 $\frac{R^{1}_{3}Si-O-\{[SiR^{1}_{2}-O-]_{n}[SiR^{1}(-Y-(O-R^{2})_{d}-X_{e}-[(O-R^{2})_{b}-OH]_{e})-O-]_{m}\}-SiR^{1}_{3}}{(IIIa) \text{ or }}$

$$\begin{array}{c|c} D & R^1 \\ D & O-Si & O \\ R1-Si & O & Si-D \\ O & Si-D & R^1 \\ D & R^1 \\ \end{array}$$

(IIIb),

wherein X is a linear or branched hydrocarbon or an aryl residue that may contain an oxygen atom and/or an ether group with 6 to 14 C-atoms and a valency of c, Y is a linear or branched alkylene group with 1 to 10 C-atoms or a cycloalkyl group with 4 to 14 C-atoms, R^1 is a linear or branched alkyl or fluoroalkyl group with 1 to 8 C-atoms or a cycloalkyl or aryl group with 6 to 14 C-atoms, R^2 is a linear or branched alkylene group that may contain a carbonyl group with 1 to 8 C-atoms, D is R^1 or $-Y-(O-R^2)_d-X_e-[(O-R^2)_b-OH]_c$ with at least one residue $-Y-(O-R^2)_d-X_e-[(O-R^2)_b-OH]_c$ per molecule, $1 \le a \le 10,000$, $0 \le b \le 500$, $1 \le c \le 6$, $0 \le d \le 500$, e is 0 or 1, $0 \le n \le 500$, $0 \le m \le 100$ where m+n exceeds 5 and x is 0, 1, 2, 3, 4, 5 or 6.

are thoroughly mixed.

- 13-17. (cancelled)
- 18. (new) The composition of claim 3, wherein the composition contains one or more adjuvants as component (f).

Case No.: 58746US004

- 19. (new) The composition of claim 3, wherein the composition contains the following components in the following amounts:
 - a) 2.5 to 40 weight percent of component (a),
 - b) 0.2 to 10 weight percent of comcomponent (b),
 - c) 0.5 to 8 weight percent of component (c),
 - d) 0.1 to 7 weight percent of component (d),
 - e) 0.05 to 4 weight percent of component (e), based on elemental Pt, and
 - f) 31 to 96.65 weight percent adjuvants as component (f),

wherein the components add up to 100 weight percent.

- 20. (new) A two part dental impression system comprising parts A and B, wherein part A comprises:
 - a) at least one polydiorganosiloxane having at least two olefinically unsaturated groups as component (a),
 - b) at least one organohydrogenpolysiloxane as component (b), and
 - c) at least one alkylsiloxane having at least one carbinol, carboxy or amino group as component (c),

wherein component (c) contains at least one compound of the formula:

$$R^{1}_{3}Si-O-[SiR^{1}_{2}-O_{7}]_{a}SiR^{1}_{2}-Y-(O-R^{2})_{d}-X_{e}-[Z_{f}-COOH]_{c}$$
(IV) or

$$[HOOC-Z_{f}]_{c}-X_{e}-(R^{2}-O)_{d}-Y-[SiR^{1}_{2}-O-]_{n}SiR^{1}_{2}-Y-(O-R^{2})_{d}-X_{e}-[Z_{f}-COOH]_{c}$$

$$(V) \text{ or }$$

$$\begin{array}{c} R^{1}{}_{3}{\rm Si\text{-}O\text{-}}\{[{\rm Si}R^{1}{}_{2}\text{-}O\text{-}]_{n}\,[{\rm Si}R^{1}(\text{-}Y\text{-}({\rm O\text{-}}R^{2})_{d}\text{-}X_{e}\text{-}[Z_{f}\text{-}COOH]_{c})\text{-}O\text{-}]_{m}\}\text{-}{\rm Si}R^{1}{}_{3} \\ & (Va) \text{ or } \end{array}$$

wherein X is a linear or branched hydrocarbon or an aryl residue that may contain an oxygen atom and/or an ether group with 6 to 14 C-atoms and a valency of c, Y is a linear or branched alkylene group with 1 to 10 C-atoms or a cycloalkyl group with 4 to 14 C-atoms, Z is a linear or branched alkylene or alkenylene or aryl group that may contain an ester group with 1 to 16 C-atoms, R^1 is a linear or branched alkyl or fluoroalkyl group with 1 to 8 C-atoms or a cycloalkyl or aryl group with 4 to 14 C-atoms, R^2 is a linear or branched alkylene group that may contain a carbonyl group with 1 to 8 C-atoms, E is R^1 or $-Y-(O-R^2)_d-X_c-[Z_f-COOH]_c$ with at least one residue $-Y-(O-R^2)_d-X_c-[Z_f-COOH]_c$ per molecule, $1 \le a \le 10,000$, $1 \le c \le 6$, $0 \le d \le 500$, e is 0 or 1, f is 0 or 1, $0 \le n \le 500$, $0 \le m \le 100$ where m+n exceeds 5 and x is 0, 1, 2, 3, 4, 5 or 6;

and part B comprises:

- d) at least one condensation cure component as component (d) and
- e) at least one addition cure precious metal catalyst as component (e).
- 21. (new) The composition according to claim 20, wherein part A contains the following components in the following amounts:
 - i) 8 to 25 % by weight of component (a),
 - ii) 1 to 10 weight percent of component (b),
 - iii) 0.5 to 10 weight percent of component (c) and
 - iv) 55 to 90.5 weight percent of adjuvants,wherein the components add up to 100 weight percent.

Case No.: 58746US004

- 22. (new) The composition according to claim 20, wherein part B contains the following components in the following amounts:
 - i) 0.5 to 10 weight percent of component (d),
 - ii) 0.1 to 5 weight perent of component (e), based on elemental Pt, and
 - iii) 85 to 99.4 weight percent of adjuvants, wherein the components add up to 100 weight percent.
- 23. (new) The composition of claim 19, wherein the adjuvant is selected from the group consisting of inert carrier materials, inhibitors, fillers, pigments or solvents.
- 24. (new) A method for the preparation of a dental impression composition, said method comprising the step of thoroughly mixing the following components in any order:
 - at least one polydiorganosiloxane having at least two olefinically unsaturated groups as component (a),
 - b) at least one organohydrogenpolysiloxane as component (b),
 - c) at least one alkylsiloxane having at least one carbinol, carboxy or amino group as component (c),
 - d) at least one condensation cure catalyst as component (d) and
 - e) at least one addition cure precious metal catalyst as component (e); wherein component (c) contains at least one compound of the formula:

$$R^{1}_{3}Si-O-[SiR^{1}_{2}-O-]_{0}SiR^{1}_{2}-Y-(O-R^{2})_{d}-X_{e}-[Z_{f}-COOH]_{c}$$
(IV) or

$$[HOOC-Z_{f}]_{c}-X_{e}-(R^{2}-O)_{d}-Y-[SiR^{1}{}_{2}-O-]_{a}SiR^{1}{}_{2}-Y-(O-R^{2})_{d}-X_{e}-[Z_{f}-COOH]_{c}$$
 (V) or

$$R^{1}_{3}Si-O-\{[SiR^{1}_{2}-O-]_{n}[SiR^{1}(-Y-(O-R^{2})_{d}-X_{c}-[Z_{f}-COOH]_{c})-O-]_{m}\}-SiR^{1}_{3}$$
 (Va) or

Case No.: 58746US004

wherein X is a linear or branched hydrocarbon or an aryl residue that may contain an oxygen atom and/or an ether group with 6 to 14 C-atoms and a valency of c, Y is a linear or branched alkylene group with 1 to 10 C-atoms or a cycloalkyl group with 4 to 14 C-atoms, Z is a linear or branched alkylene or alkenylene or aryl group that may contain an ester group with 1 to 16 C-atoms, R^1 is a linear or branched alkyl or fluoroalkyl group with 1 to 8 C-atoms or a cycloalkyl or aryl group with 4 to 14 C-atoms, R^2 is a linear or branched alkylene group that may contain a carbonyl group with 1 to 8 C-atoms, E is R^1 or $-Y-(O-R^2)_d-X_e-[Z_f-COOH]_c$ with at least one residue $-Y-(O-R^2)_d-X_e-[Z_f-COOH]_c$ per molecule, $1 \le a \le 10,000$, $1 \le c \le 6$, $0 \le d \le 500$, e is 0 or 1, f is 0 or 1, $0 \le n \le 500$, $0 \le m \le 100$ where m+n exceeds 5 and x is 0, 1, 2, 3, 4, 5 or 6.

- 25. (new) The composition of claim 4, wherein the composition contains one or more adjuvants as component (f).
- 26. (new) The composition of claim 4, wherein the composition contains the following components in the following amounts:
 - a) 2.5 to 40 weight percent of component (a),
 - b) 0.2 to 10 weight percent of comcomponent (b),
 - c) 0.5 to 8 weight percent of component (c),
 - d) 0.1 to 7 weight percent of component (d),
 - e) 0.05 to 4 weight percent of component (e), based on elemental Pt, and
 - f) 31 to 96.65 weight percent adjuvants as component (f), wherein the components add up to 100 weight percent.

Case No.: 58746US004

- 27. (new) A two part dental impression system comprising parts A and B, wherein part A comprises:
 - a) at least one polydiorganosiloxane having at least two olefinically unsaturated groups as component (a),
 - b) at least one organohydrogenpolysiloxane as component (b), and
 - c) at least one alkylsiloxane having at least one carbinol, carboxy or amino group as component (c),

wherein component (c) contains at least one compound of the formula:

$$R^{1}_{3}Si-O-[SiR^{1}_{2}-O-]_{a}SiR^{1}_{2}-Y-(O-R^{2})_{d}-T_{e}-[(O-R^{2})_{b}-NHR^{3}]_{c}$$
(VI) or

$$R^{1}_{3}Si-O-\{[SiR^{1}_{2}-O-]_{n}[SiR^{4}(-Y-(O-R^{2})_{d}-T_{e}-[(O-R^{2})_{b}-NHR^{3}]_{e})-O-]_{m}\}-SiR^{1}_{3}$$
(VIIa) or
$$F R^{1}_{i}$$

$$R^{1}-Si$$

$$O$$

(VIIb),

wherein T is a linear or branched hydrocarbon or an aryl residue that may contain an oxygen atom and/or an ether group with 6 to 14 C-atoms and a valency of c, Y is a linear or branched alkylene group with 1 to 10 C-atoms or a cycloalkyl group with 4 to 14 C-atoms, R¹ is a linear or branched alkyl or fluoroalkyl group with 1 to 8 C-atoms or a cycloalkyl or aryl group with 6 to 14 C-atoms, R² is a linear or branched alkylene group that may contain a carbonyl group with 1 to 8 C-atoms, F is R¹ or -Y-(O-R²)_d-T_e-[(O-R²

 $(R^2)_b$ -NHR³]_c with at least one residue -Y-(O-R²)_d-T_e-[(O-R²)_b-NHR³]_c per molecule, R³ is a linear or branched alkyl or fluoroalkyl group with 1 to 8 C-atoms or a cycloalkyl or aryl group with 6 to 14 C-atoms or H, R⁴ is R¹ or methoxy or ethoxy, $1 \le a \le 10,000, 0 \le b \le 10$

Case No.: 58746US004

10,000, $1 \le c \le 6$, $0 \le d \le 500$, e is 0 or 1, $0 \le n \le 500$, $0 \le m \le 100$ where m+n exceeds

5 and x is 0, 1, 2, 3, 4, 5 or 6;

and part B comprises:

- d) at least one condensation cure component as component (d) and
- e) at least one addition cure precious metal catalyst as component (e).
- 28. (new) The composition according to claim 27, wherein part A contains the following components in the following amounts:
 - i) 8 to 25 % by weight of component (a),
 - ii) 1 to 10 weight percent of component (b),
 - iii) 0.5 to 10 weight percent of component (c) and
 - iv) 55 to 90.5 weight percent of adjuvants,wherein the components add up to 100 weight percent.
- 29. (new) The composition according to claim 27, component Wherein part B contains the following components in the following amounts:
 - i) 0.5 to 10 weight percent of component (d),
 - ii) 0.1 to 5 weight perent of component (e), based on elemental Pt, and
 - iii) 85 to 99.4 weight percent of adjuvants, wherein the components add up to 100 weight percent.
- 30. (new) The composition of claim 26, wherein the adjuvant is selected from the group consisting of inert carrier materials, inhibitors, fillers, pigments or solvents.
- 31. (new) The method for the preparation of a dental impression composition, said method comprising the step of thoroughly mixing the following components in any order:

Case No.: 58746US004

- a) at least one polydiorganosiloxane having at least two olefinically unsaturated groups as component (a),
- b) at least one organohydrogenpolysiloxane as component (b),
- at least one alkylsiloxane having at least one carbinol, carboxy or amino group as component (c),
- d) at least one condensation cure catalyst as component (d) and
- e) at least one addition cure precious metal catalyst as component (e); wherein component (c) contains at least one compound of the formula:

$$R^{1}_{3}Si\text{-O-}[SiR^{1}_{2}\text{-O-}]_{a}SiR^{1}_{2}\text{-Y-}(O\text{-}R^{2})_{d}\text{-}T_{e}\text{-}[(O\text{-}R^{2})_{b}\text{-}NHR^{3}]_{c}$$
 (VI) or

$$[R^{3}HN-(R^{2}-O)_{b}]_{c}-T_{e}-(R^{2}-O)_{d}-Y-[SiR^{1}{}_{2}-O-]_{a}SiR^{1}{}_{2}-Y-(O-R^{2})_{d}-T_{e}-[(O-R^{2})_{b}-NHR^{3}]_{c}$$
(VII) or

(VIIb),

wherein T is a linear or branched hydrocarbon or an aryl residue that may contain an oxygen atom and/or an ether group with 6 to 14 C-atoms and a valency of c, Y is a linear or branched alkylene group with 1 to 10 C-atoms or a cycloalkyl group with 4 to 14 C-atoms, R¹ is a linear or branched alkyl or fluoroalkyl group with 1 to 8 C-atoms or a cycloalkyl or aryl group with 6 to 14 C-atoms, R² is a linear or branched alkylene group that may contain a carbonyl group with 1 to 8 C-atoms, F is R¹ or -Y-(O-R²)_d-T_e-[(O-R²

Case No.: 58746US004

 $R^2)_b$ -NHR³]_c with at least one residue -Y-(O-R²)_d-T_e-[(O-R²)_b-NHR³]_c per molecule, R³ is a linear or branched alkyl or fluoroalkyl group with 1 to 8 C-atoms or a cycloalkyl or aryl group with 6 to 14 C-atoms or H, R⁴ is R¹ or methoxy or ethoxy, $1 \le a \le 10,000$, $0 \le b \le 10,000$, $1 \le c \le 6$, $0 \le d \le 500$, e is 0 or 1, $0 \le n \le 500$, $0 \le m \le 100$ where m+n exceeds 5 and x is 0, 1, 2, 3, 4, 5 or 6.